

WHAT IS CLAIMED

1. A digital broadcasting receiver comprising:

first means for performing pre-scan processing for successively tuning in on channels previously set, to examine whether or not a received signal on each of the channels is of a predetermined quality or more, and temporarily registering the channel numbers of the channels on which the received signals are of the predetermined quality or more in a storage device as receivable channel candidates; and

second means for performing normal scan processing for successively tuning in on the receivable channel candidates temporarily registered in the storage device by the first means, to acquire and register necessary channel information.

2. The digital broadcasting receiver according to claim 1, wherein

the pre-scan processing is performed a plurality of number of times in the first means.

3. The digital broadcasting receiver according to claim 1, wherein

the pre-scan processing is performed in a state where the gain of an automatic gain control amplifier in a tuner is fixed.

4. The digital broadcasting receiver according to claim 1, wherein it is judged in the first means whether or not the received signal is of the predetermined quality or more on the basis of judgment whether or not received power is more than a predetermined

value.

5. The digital broadcasting receiver according to claim 1,
wherein

the channel information include a receivable channel number,
service information in the case of a channel in digital broadcasting,
and a distinction between the channel in digital broadcasting and a
channel in analog broadcasting.

6. A channel information registration processing method in a
digital broadcasting receiver comprising:

a first step of performing pre-scan processing for successively
tuning in on channels previously set, to examine whether or not a
received signal on each of the channels is of a predetermined quality
or more, and temporarily registering the channel numbers of the
channels on which the received signals are of the predetermined
quality or more in a storage device as receivable channel candidates;
and

a second step of performing normal scan processing for
successively tuning in on the receivable channel candidates
temporarily registered in the storage device in the first step, to
acquire and register necessary channel information.

7. The channel information registration processing method in
the digital broadcasting receiver according to claim 6, wherein

the pre-scan processing is performed a plurality of number of
times in the first step.

8. The channel information registration processing method in

the digital broadcasting receiver according to claim 6, wherein

the pre-scan processing in the first step is performed in a state where the gain of an automatic gain control amplifier in a tuner is fixed.

9. The channel information registration processing method in the digital broadcasting receiver according to claim 6, wherein it is judged in the first step whether or not the received signal is of the predetermined quality or more on the basis of judgment whether or not received power is more than a predetermined value.

10. The channel information registration processing method in the digital broadcasting receiver according to claim 6, wherein

the channel information include a receivable channel number, service information in the case of a channel in digital broadcasting, and a distinction between the channel in digital broadcasting and a channel in analog broadcasting.